



My NCBI

[Sign In](#)  
[Register](#)[PubMed](#)[Nucleotide](#)[Protein](#)[Genome](#)[Structure](#)[PMC](#)[Taxonomy](#)[OMIM](#)[Books](#)Search  for [Limits](#)[Preview/Index](#)[History](#)[Clipboard](#)[Details](#)Display Show Send to Range: from to ☐ Reverse complemented strandFeatures: ☐ 1: [M15034](#). Reports Rat androgen bind...[gi:202627][Links](#)[Comment](#) [Features](#) [Sequence](#)

LOCUS RATABP 1395 bp mRNA linear ROD 27-APR-1993

DEFINITION Rat androgen binding protein mRNA.

ACCESSION M15034

VERSION M15034.1 GI:202627

KEYWORDS androgen-binding protein.

SOURCE Rattus norvegicus (Norway rat)

ORGANISM [Rattus norvegicus](#)  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Glires; Rodentia;  
Sciurognathi; Muroidea; Muridae; Murinae; Rattus.

REFERENCE 1 (bases 1 to 1395)

AUTHORS Joseph,D.R., Hall,S.H. and French,F.S.

TITLE Rat androgen-binding protein: evidence for identical subunits and amino acid sequence homology with human sex hormone-binding globulin

JOURNAL Proc. Natl. Acad. Sci. U.S.A. 84 (2), 339-343 (1987)

PUBMED [2432609](#)

COMMENT Original source text: Rat (Sprague-Dawley) testis, cDNA to mRNA, clone CL6.  
Draft entry and computer-readable copy of sequence in [1] were kindly provided by D.R.Joseph, 07-APR-1987.

FEATURES

source Location/Qualifiers  
1..1395  
/organism="Rattus norvegicus"  
/mol\_type="mRNA"  
/db\_xref="taxon:10116"

[CDS](#) 34..1245  
/note="androgen binding protein precursor"  
/codon\_start=1  
/protein\_id="AAA40648.1"  
/db\_xref="GI:202628"  
/translation="MEKGEVASLRCRLLLLLLLLLLTLPPTHQGRTLRHIDPIQSAQDSP  
AKYLSNGPGQEPVTVLTIDLTISKPSSEFEFRTWDPEGVIFYGDTNTEDDWFMGLR  
DGQLEIQHLNLWARLTVGFGPRLNDGRWHPVELKMNGDSLWLVDGKEMLCRLQVSAS  
LADHPQLSMRIALGGLLLPTSKLRFPLVPALDGCIRRDILGHQAQLSTSARTSLGNC  
DVDLQPGLEFPFGTHAEFSLQDIPQHTDPWTFSLGLGKLVLDGAGRLTLGTGTNSS  
WLTLLHLQDQTVVLSSEAEPKLALPLAVGLPLQLKLDVFKVALSQGPKMEVLSTSLRL  
ASLWRLWSPQGHLSLALPGEDSSASFCLSDLWVQGRLLDIDKALSRSDIWTTHSCP  
QSPSNDTHTSH"

[sig\\_peptide](#) 34..123  
/note="androgen binding protein signal peptide"

[mat\\_peptide](#) 124..1242  
/product="androgen binding protein"

ORIGIN 24 bp upstream of PvuII site.

```
1 atattctgag ccactgggtg acagctgcta actatggaga agggagaggt ggcctccttg
61 cgttgccgac tgcttctgtt gttgctacta ttgacgctgc ctcccaccca ccagggacgg
121 accctgagac acattgaccc tatccagagt gctcaggact ctctgctaa atacctcagc
181 aatggcccag gacaagagcc cgtcaactgt ctgaccattg acctcaccaa aatcagcaaa
241 cctcttctct cctttgagtt tccaacctgg gatccagagg gagtgatttt ttatggggac
301 accaactactg aagatgactg gttcatgctg ggactgcggg atggccagct tgaaatccag
361 ctgcacaatc tctgggctcg gcttacagta ggctttggcc ctcggtgaa tgatgggaga
421 tggcaccogg tggagctaaa gatgaacggg gattcactgc tgctatgggt ggatggaaaa
481 gagatgctat gcctgagaca agtttctgca tccctggctg accatcccca gctcagcatg
541 aggattgcac taggggggct cctcctcccc acttccaaac ttcggtttcc gctcgttctt
601 gccctggatg gctgtatacg ccgagatata tggctgggccc accaggccca gctctcaacc
661 tctgcccgaa ctagccttgg gaactgtgat gtggacctgc aacctggact gttcttccct
721 ccagggaccc atgcagaatt cagtctccaa gacattcccc agcctcacac agacccttgg
781 accttttctc tggagctggg atttaagctg gtggatggag caggacgact ccttactctt
841 gggacagggg caaattcttc ttggctcacc cttcacctcc aagaccaaac ggtggttctg
901 tcttctgaag cagaacctaa actagcttta cccttggcgg tgggactccc tcttcaactg
961 aagctggatg tattcaaagt agccttgagc caaggacca agatggaggt cctttctaca
1021 tctcttttaa gacttgcctc cctctggaga ctctggtccc accctcaggg ccatctctcc
1081 cttgggggctt taccaggaga ggactcttct gcttcctttt gcctgagtga cctttgggta
1141 caaggacaga gactggacat agacaaagcc ctgagcagaa gccaggacat ctggactcat
1201 agttgccctc agagccctag caatgatacc cacacctccc actaaacccc tttgagaagc
1261 aggcacggct gtgcacatcc ttaaattccg gagaggtgaa ttgggacctc aaggttatcc
1321 ttggctatat gacatgtttg aggccagcct gggctacatg aaacctgccc ttcaaaaata
1381 aaaaagaact ttgga
```

//

[Disclaimer](#) | [Write to the Help Desk](#)  
[NCBI](#) | [NLM](#) | [NIH](#)

Apr 11 2006 19:57:30